 	of Clair	

Annlie	ration	Contro	
TPPIN	,auvii	COILLIO	I IVO.

10/747,933

Examiner

Erin D. Chiem

Applicant(s)/Patent under Reexamination

OH ET AL.

Art Unit

2883

√	Rejected	
=	Allowed	

-	(Through numeral) Cancelled
÷	Restricted

2	Non-Elected
I	Interference

А	Appeal
o	Objected

Claim		-1					<u> </u>	_				ו ר	O.L.						n - 4	_		
1   √   51   52     3   √   53   53     4   √   54   55     5   √   55   56     7   √   57   58     9   √   57   58     9   √   59   60     10   √   61   61     11   √   62   63     13   √   63   64     15   √   65   65     16   √   66   66     17   67   67   68     18   68   69   69     20   70   70   72     23   73   73   74     25   75   75   76     27   77   77   77     28   78   8   8     29   79   30   80   83     31   81   81   82     33   83   83   83     34 <t< td=""><td>Cla</td><td>aim</td><td></td><td></td><td></td><td></td><td>Dat</td><td>e T</td><td>1</td><td>т</td><td>_</td><td>1</td><td>Cla</td><td>aim T</td><td><u> </u></td><td></td><td></td><td></td><td><u>Dat</u></td><td>e T</td><td>т-</td><td>т</td></t<>	Cla	aim					Dat	e T	1	т	_	1	Cla	aim T	<u> </u>				<u>Dat</u>	e T	т-	т
1	Final	Original											Final	1								
3		1												51							Г	Τ
3		2										]		52							Г	Τ
S		3							L					53								Ι
Section   Sect						L	L	L	L		<u></u>	]			Ш				L	L	L	
7											_								L	L		L
S		6				_		<u></u>	<u> </u>		<u> </u>								L		L	
9   10   10   10   10   11   10   11   11   11   12   10   10						_	_		┖	_	_	1 1			Ш				$ldsymbol{ld}}}}}}$		匚	$\perp$
10   \( \sqrt{1} \)						<u> </u>	L_		L		_	1 1			Ш			_	_	L	_	1
11			1				_		<u>_</u>	_	L_							_	_	<u> </u>	<u> </u>	╀
12   \( \sqrt{1} \)								<u> </u>			_	1					_	_	_	<u> </u>	_	╀
13						_	L	<u> </u>	_	L	<u> </u>	1						L	_	L	上	╀
14 √							<u> </u>	<u> </u>		_	_	4		62		_			_	_	_	ļ
15	<u> </u>					_	_	<u> </u>	L		<u> </u>				L			_	_	_	┡	1
16 √   √   66   67     17 1   68   69   70     20 20 70 70   71   71   72   72     21 72 72 73   73   74   74   75   76   77   77   77   77   77   77   77   77   77   77   78   8   79   30   80   81   82   33   33   81   82   33   33   83   83   83   83   83   83   83   83   84   85   86   86   87   88   89   90   90   90   90   90   90   90   90   90   94   94   94   94   94   94   94   94   94   94   94   95   96   97   97   97   97   97   97   97   98   99	<u> </u>							<u> </u>	<u> </u>		_	1 1		64				<u> </u>	_	_	<u> </u>	ļ
17   18   67   68     19   69   70   71     21   71   72   73     23   73   74   72     23   74   75   75     26   76   77   78     29   79   80   81     30   80   81   82     33   83   83   83     34   84   84   85     36   37   88   88     39   89   90   90     41   91   91   92     43   94   94   94     44   95   96   96     47   97   98   99	<u> </u>			<u> </u>		<u> </u>		<u> </u>	_	_	_	1 1			$\sqcup$	_			_	<u> </u>	┞-	╀
18   19     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   88     39   90     41   91     42   92     43   94     44   94     45   96     46   96     47   97     48   98     49   99			V	$\vdash$			<u> </u>	_	<u> </u>		_	1 1				_				<u> </u>	⊢	ļ
19   69     20   70     21   71     22   73     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   94     45   95     46   96     47   97     48   98	<u> </u>		Н		_				├-		<u> </u>	1			$\vdash$				<u> </u>	<u> </u>	<del> </del>	Ļ
20   70     21   71     22   72     23   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   83     33   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     45   95     46   96     47   97     48   98	<u> </u>		-		_	-	-	├-	<u> </u>	1—	<u> </u>	1 1						├	_	_	⊢	╀
21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     46   96     47   97     48   98			Н	_		-	-	<u> </u>	-	-	_	- 1			$\dashv$	_	_		-	-	⊢	╀
22   72     23   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99			Н		_	┝	⊢	⊢	⊢	-	H	1 1		70				├	<u> </u>	<u> </u>	⊢	╀
23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	-		-		_		$\vdash$	$\vdash$	⊢		$\vdash$	1			-	_			-	⊢	⊢	╀
24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99			Н	$\vdash$		-	-	<del> </del>	-	-	-	1			$\vdash$	_	_	├	-	├-	├-	╀
25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	-		-		-	-	-	<del> </del>	-	├-	-	1			$\dashv$				_	├	-	╀
26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	-		Н	H	_	⊢	├	-	┝	-	-	1 1			$\dashv$				-	⊢	⊢	╀
27   28   77     28   78     29   80     30   81     31   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\vdash$		$\vdash$	$\vdash$	_	├			┢	-		1		76	$\dashv$	-	_	-	-	-	├	╀
28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\vdash$		Н	$\vdash$				-	⊢	-	-	1 1			$\dashv$	$\neg$		-	-	-	├─	t
29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\vdash$		Н	$\vdash$		┝		-	┢	-	<del> </del>	1 1				$\neg$	_		┢	$\vdash$	⊢	H
30			H		-	┝	-	$\vdash$	H	-		1		70	$\dashv$	-	_		-	┝	$\vdash$	t
31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	-		$\vdash$	$\vdash$		-	-	-	-	<del> </del>	├─	1			$\dashv$		_		<del> </del>	-	H	t
32 82   33 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99			Н			_	_	-	-		┢	1			$\dashv$	_			_	-	$\vdash$	t
33   83     34   84     35   85     36   86     37   88     38   87     39   89     40   90     41   91     42   92     43   93     44   94     45   94     46   96     47   97     48   98     49   99			Н	$\dashv$		-	-	_	$\vdash$		<del> </del>	1 1		82	$\neg$	$\neg$			_		$\vdash$	t
34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99						_			_			1 1		83		$\neg$	_			H		t
35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99						$\vdash$			$\vdash$			1 1				$\dashv$			$\vdash$	$\vdash$	_	t
36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99								_				1 1				$\neg$			_			t
37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99							_	$\vdash$				1 1			寸	$\neg$				_	$\vdash$	t
38 88   39 90   40 91   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99											_	1 1			$\neg$	┪						T
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99												1 1				ヿ	_					r
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99												1										Γ
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99		40										1		90		$\neg$						Γ
42		41										] [		91								Γ
43		42												92								Γ
45 95 96 96 97 47 97 98 98 99 99 99		43										] [		93								Γ
46		44																				Γ
47				I								[										Ĺ
48 98 99 99					]			لسا				] [										Ĺ
49 99 99	$\Box$							ــــــــا		Ш		Į[										L
	$\square$		$\Box$		_					Ш					$\perp$						_	L
			$\sqcup$	_	_					Ш												L
50 100		50										l		100	_1						L	L

		<del>-</del>			_	<del></del>	<del></del>			_
Final	Original									
	51	╁	┢	ऻ	1		<b>!</b>		Г	┢
	51 52	<del> </del>	1	_	H	$\vdash$		$\vdash$	╁	$\vdash$
	53	-	╁╌	┼─	$\vdash$	$\vdash$		$\vdash$	H	┢
	53 54	1	-	$\vdash$	<del> </del>	$\vdash$		$\vdash$	一	<del> </del>
	55	$\vdash$	$\vdash$	╁	<del>                                     </del>	╁	$\vdash$	<del> </del>	┢	╁
	56	_	1	╁		$\vdash$	┢	┢	┢	╁
	56 57	<del>                                     </del>	ı	十	<del> </del>	$\vdash$	_	$\vdash$	-	<del>                                     </del>
-	58	$\vdash$	<del>                                     </del>		$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$
_	59	一		-	$\vdash$	<del>                                     </del>	$\vdash$	-	<del> </del>	┢
	60	$\vdash$		$\vdash$	<del>                                     </del>	┢	_	-	$\vdash$	$\vdash$
	61	-	-	$\vdash$	┢	-	-	┪		
	62	_	-	$\vdash$	一	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
$\vdash$	62 63		-	$\vdash$	<del>                                     </del>		<del>                                     </del>	_	1	$\vdash$
	64	<u> </u>	-			$\vdash$	_	$\vdash$		Н
	64 65		<u> </u>	<del>                                     </del>	┢	$\vdash$	<u> </u>	-		
	66			<del>                                     </del>	<del>                                     </del>	$\vdash$	<del>                                     </del>			Н
	67	一	-	-	-	<u> </u>	-	$\vdash$	$\vdash$	
	68	H	_	_	<del> </del>		-	<del>                                     </del>	Н	
	69	$\vdash$	-	<del>                                     </del>	╁	$\vdash$	<del>                                     </del>	┢	H	Н
$\vdash$	70		-	$\vdash$	-	$\vdash$	-	$\vdash$		
	70 71				<del>                                     </del>			H		
	72	<del>                                     </del>		Т	_				$\vdash$	
	72 73	$\vdash$	┪	$\vdash$	$\vdash$		$\vdash$	_	$\vdash$	М
	74				_	T				
	75		-						Т	$\vdash$
	76	Г		Π	1					
	77				<u> </u>					
	78 79									
	79									
	80									
	81 82									
	82									
	83									
	83 84									
	85				_					$\Box$
	86 87		_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$						Ш
$\perp$	87	Ш	_	<u> </u>	_	Ш	Ш		L	Ш
	88			L_	L	Ш	$\Box$		_	Ш
	89	_		<u> </u>	_	Ш			L_	Ш
	90				L.	Щ			_	Ш
	91	Щ		Щ	<u> </u>	Ш	Ш		<u> </u>	Ш
	92	Ш	<u> </u>	Ш	L	Ш	Щ		<u> </u>	Ш
<b> </b>	93	Ш	_	_	_	Ш			<u> </u>	Ш
$\vdash$	94	$\square$		<u> </u>	<u> </u>	Ш	Ш	Ш	L	$\sqcup$
	95			<u> </u>	-	Ш				Ш
<b>  </b>	96	Щ		$\vdash$		$\sqcup$	$\vdash$	_	$\vdash$	$\sqcup$
	97	Щ	_	<u> </u>		-			$\vdash$	$\vdash \vdash$
$\vdash \vdash$	98	Ш			_	$\vdash \vdash$	_	$\vdash$	<u> </u>	$\vdash \vdash$
$\vdash$	99	Щ		Н		Н	$\vdash$			$\vdash$
1	100			1		i 1			l i	

CI	aim	Date									
	i		Γ	Г	Γ-	Τ̈́	İ	Π	Г	П	
펼	Original										
Final	rig										
	l .	1									
	101 102						Г				
	102			Г							
	103							Г			
	104 105			Г		Π	Γ	Г	П		
	105	П			Г	Π		Г			
	106				Г		П	Г		П	
	107										
	107 108										
	109										
	110 111										
	111										
	112										
	113 114	_	<u> </u>		$\Box$		$oxed{\Box}$			Ш	
	114										
	115		<u> </u>			匚			匚		
	116										
	115 116 117		L_			$\Box$					
	118 119		<u> </u>	$oxed{oxed}$				L			
	119								<u></u>		
	120			L	L	L			<u> </u>		
	121 122				<u>_</u>			_	L	Ш	
	122		_					L		Ш	
	123		_		_		_	<u> </u>	_		
	123 124 125 126 127 128		_	<u>_</u>	匚	L	<u> </u>	_	_		
	125			_	_	L			_	Ш	
	126			_	<u> </u>	_		_	_		
	127	_		<u> </u>	<u> </u>	_	<u> </u>		<u> </u>	_	
	128	_		<u> </u>	<u> </u>	<u> </u>	<u> </u>	_			
	129 130 131				_	L	_		<u> </u>	Щ	
	130					$\vdash$	L	_	_	$\square$	
	131	$\vdash$			_	<u> </u>	-	<u> </u>	<u> </u>	$\sqcup$	
	132 133			Щ	<u> </u>	-	<u> </u>	<u> </u>	<u> </u>	Н	
	133				-	-	-	<u> </u>	H	Щ	
	134 135		_	-	<u> </u>	$\vdash$	<u> </u>	<u> </u>	_	dash	
	135	-	_	$\vdash$	-	-		_	-	Н	
	130	_		-	-	$\vdash$				$\vdash \vdash$	
	137 138	_	_	-	-	<del>-</del>	-	<u> </u>		$\vdash$	
	130	-		_	—	$\vdash$	-	<u> </u>		$\dashv$	
	139 140		-			Н			-	$\dashv$	
	141	-	_		_	Н	H	-	-	$\dashv$	
	142	$\dashv$		-	—	Н	-	-	$\vdash$	$\dashv$	
	143	-	_	$\vdash$	<u> </u>	$\vdash$	-		H	$\dashv$	
	144	$\dashv$	-			-	-	-	$\vdash$	$\dashv$	
	145	$\dashv$	_	$\vdash$	-	$\vdash\vdash$	-	Η.	-		
	146	-	-	$\vdash$	-	$\vdash$	-	-	<u> </u>	-	
	147	-	-	$\vdash$		Н		_	H		
-	148		-	H	-	Н	Н	-	H	$\dashv$	
	149		$\dashv$		_	$\vdash$			Н	$\dashv$	
	150		-	$\dashv$	_	$\dashv$			Н	$\dashv$	
	130										